Depth 6	Contents 7	Reference to last Measurement 8
BA	218300=00	
IT	2200=00	
GST	1949=00	
CGST	1949=00	
CBF	220=00	
LWF	2200=00	
LR	400=00	
fine	800=00	
10	13318=00	
	204982	

Final Bill

Work code. 005-19-000015

Est cost Rs - 2.50 Lacs.

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 187337

Clearing & Burrial Ground And Providing Water tank

ork.. At Kathigenahally From Burial Ground To in Ward no. 05

ontractor of nature of Agency..... Sri. Narayana Rao. S

Date of commencement of work.... N. Nagenahally. Dr. Shivaramakaranthanagara

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Work order no.	BBMP	EE	BTP	WO/14	2019.20.	
(1)	Clearing and Grubbing road land KSRRB 200-8. Clearing and grubbing road land including uprooting rank vegetation grass bush shrubs saplings and trees of girth up to 300mm by manual means in area of light jungle removal & stumps disposal of unserviceable material stacking & serviceable material within a lead of 100 meters from road boundary labour charges complete as per specification.					B.love. 560077	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per Pre-measurement recorded vide Page no.. 187377					in this MB. 4800.00 m^2	
	Page. 9:91						47568 : 10
(2)	Earth work excavation by manual means in ordinary Soil Soil including an average horizontal throw upto 2 mtrs and an average lift upto 0.50 mtr excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking & clods Complete as per Specifications						
	As per Pre-measurement recorded vide Page no.. 187377 to 187378					in this MB. 394.10 m^3	50795 : 54
	Page. 128:89						

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	N
1	2	
(3)	Earthwork excavation Culverts Water Supply either in pits or in ordinary soil including the disposal of the excavated soil upto 50 mtr as per	
	As per Page no	
	Page. 296:44	

Contents 7	Reference to last Measurement 8
recorded vide	
in this MB.	
4800.00 M²	
	47568 : 10
means in ordinary	
soil through upto 2 metre	
raised Surface leveled	
and earth to be leveled	
ess as per Specification	
recorded vide	
7378 in this MB.	
394.10 M³	50795 : 54

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 187338

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(3)	Earthwork excavation for Foundation & Sundries as Curvers Water Supply & Sanitary Line and electrical Conduit either in Pits or in trenches (1.00 Mtr and above in width in ordinary Soil not Exceeding 1.00 Mtr in depth including dressing the bottom and sides & Pits and trenches & leveling the excavated Soil clear from edges & excavation upto 100 Mtr as per Sketches & leads upto 50 Mtr as per Sketches & leads Complete as per Specification recorded vide in this MB.					3.36 M³	996.03
	As per Pre-Measurement Page No. 187378 to 187379						
	Rate : 296 : 44						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(4)	Providing and laying in position Plain cement Concrete 1:4:8 with OPC cement as per IS 456 with maximum size of aggregate 40 mm well graded granite metal coarse aggregate as per IS 383 and fine aggregate as per IS 383 conforming zone II and laying not exceeding 15 cms thick well compacted in foundation and plinth including cost of all materials, labour, curing complete as per specification. As per Pre. Measurement recorded vide Page No. 1873 79 in this MB. 3.36 m^3 3338 IS 456 : 2000						
(5)	Providing and constructing Granite/Rubble/Basalt stone masonry in foundations with cement mortar 1:6 edges of stones dressed in courses not less than 15 cms thick and stones						

M.

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	
	as in masonry above Labour curing complete As per Pre. Page No. 1	
(6)	Providing and lay M 20 with OPC cement Granite metal coarse	

epth 6	Contents 7	Reference to last Measurement 8
	lain cement Concrete e 1:3:6 with hammad down ggregate of 0-80mm and ixed Concrete laid in all Complete including ng Labour curing Complete	
	t recorded vide in this MB. 3.36 M³	3338 16995:98
	nap/ basalt size stone s major 1:6 edges & stones ent/cring sand stone	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 187339

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	as 10 mosaing agents in each Course including Cost & measuring Labour curing Complete as per Specification. As per the measurements recorded vide page no. 187379 to 187380 in this MB. Rate. 5436:07					4.50	24462:31
(6)	Providing and laying in position Plain cement Concrete 1:3:6 M20 with OPC cement @ 320 kg with 20mm and down size graded granite metal coarse aggregate @ 0.80mm and fine aggregate						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	as 0.459 cum M25 SuperPlasticizer as 3% by Conforming to IS 9103-1999 Reinforced machine mixed Excluding 15 cms Slump Including Vibrated for all works in foundation plinth and ground floor level for roof Slabs Staircase Lintels Retaining walls Reinforced (any thickness) including attached plastering including Cost & materials Labour Curing Complete as per Specification.						
①	Jakkur Burial Ground.	1	1.50	1.50	0.15	0.33	
②	Kogilu Burial Ground	1	1.50	1.50	0.15	0.33	
						0.66 M³	
	Rate. 5610:56						3702:96
⑦	Providing Flush pointing to coarsed Stone masonry with CM 1:3 20mm deep after raking joints to depth 8 20mm nicely Including Including Cost & materials Labour curing						

Serial No.....

Name of work.....

Name of Contractor of nature of Agenc

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Complete as per
	①
	②
	Rate. 96:17
⑧	laying Reinforce Concrete Pipe for material in Single

Depth 6	Contents 7	Reference to last Measurement 8
8 3:5 g Conforming to IS 9103.		
eding 15 cms thick including		
n and ground floor level		
aining walls reinforcing		
ssering including cost &		
& per Specification.		
0.15	0.33	
0.15	0.33	
	0.66 m³	3702:96
ed Stone Masonry work		
ints to depth & 20mm		
erial laden curing		

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 187340

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Complete as per Specification etc.. Complete.						
	①	4	1.50	-	0.75	4.50	
	②	4	1.50	-	0.75	4.50	
						9.00 m²	
				limited to		6.00 m²	577:02
	Rate. 96:17						
⑧	laying reinforced cement concrete Pipe NP4 Pre-cast to concrete Pipe for culverts on first class bedding & granular material in single row including fixing collars with CM 1:2 Mix						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Excluding excavation protection works facing Corner and Masonry works in head walls and Parapets complete as per specification.						
	(1) Jakkur Burial Ground	1	–	–	–	1	
	(2) Kogilu Burial Ground	1	–	–	–	1	
						2 Nos	
	Rate · 10058 : 16						20116 : 32
(9)	Erection & RCC Hume Pipe Pump House / Cisserm on size Stone Masonry Platform including transportation Charges unloading with all necessary tools and plants complete as directed by the Engineer incharge & works.						
	(1)	1	–	–	–	1	
	Rate. 1119 : 96 (2)	1	–	–	–	1	
						2 Nos	2239 : 92

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2
(10)	Labour Charges from rising main laying upto 300 mm dia CI Pi
	(1)
	(2)
	Rate. 1274 : 18
(11)	Providing and co for Public Sour

Contents	Reference to last Measurement
7	8
g Labour Charges for fixing Common Cross Compressed as	
1	
1	
2 nos	2016 : 32
Cisterns on size stone	
g on Charges as handing	
se as directed by me	
1	
1	
2 Nos	2239 : 92

M.A.R. 57 (Rule 116) 187341

Measurement Book No. A/10

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(10)	Labour Charges for fixing 50 mm dia GI Pipe and Connection from rising main to cistern including cutting surfacing making leading ascending & descending etc.- complete inclusive of fixing GI nos & 20 mm dia GI Pipes MS taps to the cistern.						
	(1)	1	–	–	–	1	
	(2)	1	–	–	–	1	
						2 nos	2548 : 36
	Page 1274 : 18						
(11)	Providing and constructing Stand Post of size 1.22 m x 1.22 m for Public Source from RCC Post of size 1.22 m x 0.3 [illegible]						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	WSM DP Moulded and RCC kerb Slabs & size 1.22 x 0.30 x 0.05 m thick in CC 1:2:4 Proportion with 12mm size granite metal or Sadaf jelly with nominal reinforcement as per design Plastering with CM 1:4 20mm thick to the exposed faces with Pot dressing & size 0.05 x 0.30 x 0.20 mtr in CC 1:2:4 Proportion with coloured surface CC platform 1:2:4 Proportion 10 cms thick and smooth finishing with CM 1:3 to exposed faces with necessary shuttering curing mixing curing as per specification including cost of steel and necessary earthwork excavation and disposing the excavated earth as directed with all leads and lifts etc. complete.						
	①	4	–	–	–	4	
	②	4	–	–	–	4	
						8 Nos	
	Rate - 2485:03						19880:24

Serial No.....

Name of work.....

Name of Contractor of nature of Ag

Date of commencement of work....

Date	Full description, etc, of work
1	2
(12)	Providing and Pipes @ 6 kg/cm² including Lowering Pipes in trench Jetty with all Lab encasing the Pi Gravel or selec Concrete. As per Page Rate - 361:99

pth 6	Contents 7	Reference to last Measurement 8
...ss & size		1.22 x 0.30 x 0.45m
...framing shape or Sagar		
...per design Plastering		
...Sacks work Pat less slag		
...4 proportion work consist		
...cms thick and smooth		
...work necessary from work		
...cation including cost &		
...ven and disposing the		
...ds and work ese. complete.		
	4	
	4	
	8 Nos	
		19880 : 24

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 187342

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(12)	Providing and installing as size & work 63 mm (0.662) PVC Pipes & 6 kg/cm² including cost & Pipes and specials and casing including lowering in to trenches laying true to line level and perfect fixing as joints, cement mortar including jointing & approved type with all casing and its charges handling charges including encasing the pipe around in a depth min. 15 cms with gravel or selected earth available from the excavation ese. complete.						
	As per Pre-measurement recorded vide page No..		187380			in this MB. 65.00 Mtr	
	Rate: 361:99					23529:35	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(13)	Refilling available earth around pipe lines cables in layers not exceeding 200mm in depth compacting each deposited layer by ramming after watering complete up to 300mm and lift up to 1.00 mtr including cost & all leads complete as per specification. 187378 in Dig MB As Per Measurement recorded vide page no. Quantity vide item no. 2 (b) 35.10 m^3 Rate · 55 : 52						
(14)	Providing and fixing in position 50 mm nominal bore gun metal non return valve horizontal type of approved make including cost of all necessary castings and nuts & bolts with all leads complete as per specification. 1948 : 75	(1)	1	–	–	1	

Serial No.....

Name of work.....

Name of Contractor of nature of Agency...

Date of commencement of work.....

Date	Full description, etc, of work	
1	2	
	(2) Rate · 1318 : 62 25/9/19 Certificate. (2) 25/9/19	

Depth 6	Contents 7	Reference to last Measurement 8
ire lines Cages in on Compacting each watering work upto Cars & all Cages Compact t recorded vide Page No e. 2 (6) 35.10 m³		1948 : 75
on nominal bore pipes type & approved make ion and HDPE & Compress fication.		
—	1	

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 187343

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

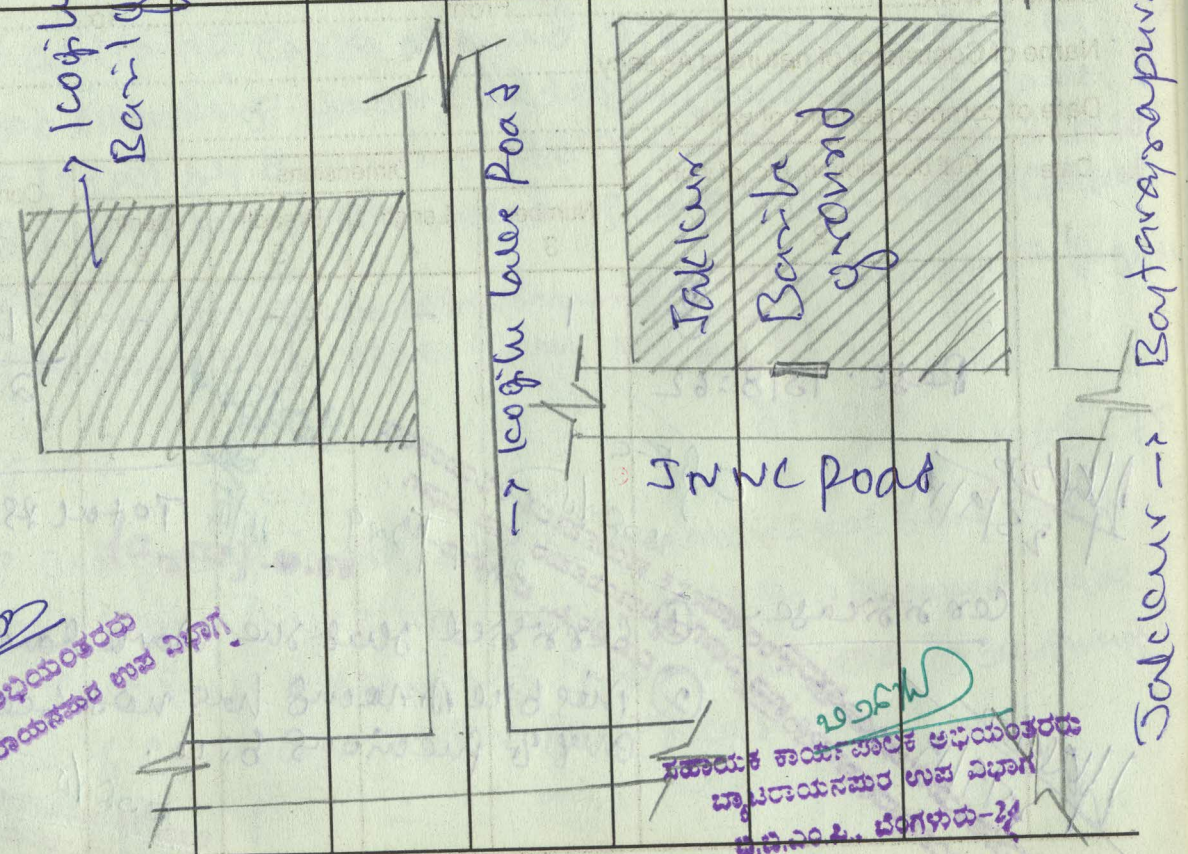
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	(2) Rate · 1318 : 62	1	—	—	—	1 2 Nos	2637 : 24
25/9/19							
	Certificate: (1) Certified that the work has been done satisfactorily and the measurements recorded in this M.B. Page No. 2 (6)				Verified Total Rs.		204339 : 00
25/9/19	(2) This bill is not drawn in any of previous bills.						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವ್ಯಾಪ್ತಿ ವಿಭಾಗ ಉಪ ವಿಭಾಗ
ಬಿ.ಡಬ್ಲ್ಯೂ.ಎಸ್.ಎಸ್.ಬಿ., ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಜಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

Serial No.....

Name of work.....

Name of Contractor of nature of Agenc

Date of commencement of work.....

Date	Full description, etc, of work
1	2

1st

ಲೆಕ್ಕತೀರ್ಪಿಕೆ
ಬಿಲ್ಲು ಮೊಬಲಗು ರ
ಇದರಲ್ಲಿ ಬಿಡಿ. 10
ಮೊದಿಲೊಯ್ದು ರ

FY/

RJ

ನಿರ್ವಾಹಕರು

epth 6	Contents 7	Reference to last Measurement 8
	Taking over Boundary of Bantanapura	
	JNNC Road	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 187344

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	1st & Final						

ಲೆಕ್ಕತೀರ್ಪಿಕೆ P-329/1 ರಡಿ
ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 204339=00 ಗಾಗಿ ಪಾವು ಮಾಡಿದೆ.
ಇದರಲ್ಲಿ ಜೂ. 10088=00 ಮೊದಲಾಗಿ
ಮುಂಡಿಮೊಬಲು ರೂ. 194251=00 ಗಳನ್ನು

RJ
ನಿರ್ವಾಹಕರು

ಸಹಾಯಕ ಅಭಿಯಂತರರು 16/10
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃಮುಪಾ, ಬೆಂಗಳೂರು

BA	204339	=00
IT	2043	=00
GST	1824	=00
GST	1824	=00
CBF	204	=00
LR	1350	=00
Fine	800	=00
EWF	2043	=00
	8045	=00
	10088	=00
Net	194251	